



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 19, 2015

Craig D. Kleppe  
Product Registration Manager  
BASF Corporation  
26 Davis Drive  
P.O. Box 13528  
Research Triangle Park, NC 27709

Subject: PRIA Label Amendment – Establish tolerances (Hops) and amend tolerances of crop groupings and subgroupings (Dry Bulb Onion Subgroup 3-07A, Green Onion Subgroup 3-07B, Fruiting Vegetable Crop Group 8-10, Citrus Fruit Crop Group 10-10, Pome Fruit Crop Group 11-10, Stone Fruit Crop Group 12-12, Low-Growing Berry Subgroup 13-07G, Sunflower Subgroup 20B)  
Product Name: Prowl H<sub>2</sub>O Herbicide  
EPA Registration Number: 241-418  
Application Date: October 15, 2012  
Decision Numbers: 484419, 484421, 484423, 484424, 484426

Dear Mr. Kleppe:

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable under FIFRA Section 3(c)(7)(B), subject to the following conditions:

1. You must submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.
2. You are required to comply with the data requirements described in the DCI Order identified below:
  - a. Pendimethalin GDCI-108501-1267

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

[http://www.epa.gov/oppsrrd1/contacts\\_prd.htm](http://www.epa.gov/oppsrrd1/contacts_prd.htm)

A stamped copy of your labeling is enclosed for your records. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). If you have any questions, please contact Emily Schmid by phone at 703-347-0189, or via email at [schmid.emily@epa.gov](mailto:schmid.emily@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel V. Montano for".

Daniel Kenny, Chief  
Herbicide Branch  
Registration Division (7505P)

Enclosure

02/19/2015

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 241-418

Group

3

Herbicide

## Supplemental Label



### For use in all crops in the citrus fruit crop group 10-10

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

**Other Ingredients:** ..... 61.3%

**Total:** ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

**EPA Reg. No. 241-418**

**CAUTION/PRECAUCIÓN**

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to the following individual bearing and nonbearing crops in the citrus fruit crop group 10-10:

Australian desert lime  
Australian finger lime  
Australian round lime  
Brown River finger lime  
Calamondin  
Citron  
Citrus hybrids  
Grapefruit  
Japanese summer grapefruit  
Kumquat  
Lemon  
Lime  
Mediterranean mandarin  
Mount White lime  
New Guinea wild lime  
Orange, sour  
Orange, sweet  
Pummelo  
Russell River lime  
Satsuma mandarin  
Sweet lime

(continued)

**Prowl® H<sub>2</sub>O herbicide** may be applied to the following individual bearing and nonbearing crops in the citrus fruit crop group 10-10: (*continued*)

- Tachibana orange
- Tahiti lime
- Tangelo
- Tangerine (mandarin)
- Tangor
- Trifoliate orange
- Uniq fruit
- Cultivars, varieties, and/or hybrids of these

**Prowl H<sub>2</sub>O** may only be applied by ground, chemigation, or flood, flooded basin, and gravity flow irrigation systems.

**Use Methods, Timings, and Rates**

**Prowl H<sub>2</sub>O** may be applied either in a single application or sequentially with an interval of 30 days or more. Apply **Prowl H<sub>2</sub>O** at between 2.0 to 6.3 quarts per acre depending on the grower’s weed control program, level of weed infestation, and desired use strategy (see chart following) per application but not to exceed a total of 6.3 quarts/A per year in citrus trees.

**Use Rate per Acre**

Low Use Rate	2.0 quarts (2 lbs ai/A)
High Use Rate	4.0 to 6.3 quarts (4 to 6 lbs ai/A)

**Ground Applications (Bearing)**

**Prowl H<sub>2</sub>O** may be applied **surface incorporated** or **(surface) preemergence**.

Apply **Prowl H<sub>2</sub>O** as a broadcast or banded treatment using ground equipment before weed germination. Apply the spray directly to the ground beneath the trees and/or in areas between rows. **DO NOT** apply over the top of trees with leaves or buds or fruit. Contact by the spray mixture with leaves, shoots, or buds may cause injury.

**Ground Applications (Nonbearing)**

**Prowl H<sub>2</sub>O** may be applied for preplant incorporated, preplant surface, surface incorporated, or preemergence weed control in several nonbearing fruit tree crops. **Prowl H<sub>2</sub>O** may be used before or after transplanting the nonbearing crops.

**Preplant Surface.** Prior to transplanting, uniformly apply with ground equipment. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

**Preplant Incorporated.** Uniformly apply **Prowl H<sub>2</sub>O** prior to transplanting but before weeds germinate. Incorporate **Prowl H<sub>2</sub>O** to a depth of 1 to 2 inches. Application and incorporation must be made prior to transplanting to avoid mechanical injury to the crop. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

**Preemergence.** Applications may be in a band or broadcast.

**Chemigation Applications**

**Prowl H<sub>2</sub>O** may be applied through sprinkler irrigation and drip irrigation systems. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label. **DO NOT** apply **Prowl H<sub>2</sub>O**-treated irrigation water over top of trees with leaves or buds or fruit. Contact with leaves, shoots, or buds by spray mixture may cause injury.

**Flood, Flooded Basin, and Gravity Flow Irrigation Systems.** **Prowl H<sub>2</sub>O** may be applied in flood, flooded basin, and gravity flow irrigation systems. Follow all directions, special instructions, and precautions about flood, flooded basin, and gravity flow irrigation systems in the **Spraying Instructions** section of the product container label.

**Restrictions and Limitations**

- **DO NOT** apply more than 6.3 quarts of **Prowl H<sub>2</sub>O** per acre per year in citrus trees.
- **DO NOT** apply by air.
- **DO NOT** feed forage or graze livestock in treated groves or orchards.
- **Preharvest Interval (PHI):** 1 day
- **DO NOT** apply to newly seeded nursery stock.

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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**ACCEPTED**

02/19/2015

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 241-418

Group

3

Herbicide

## Supplemental Label



### For use in all crops in the dry bulb onion subgroup 3-07A

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

Other Ingredients: ..... 61.3%

Total: ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

EPA Reg. No. 241-418

CAUTION/PRECAUCIÓN

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to the following individual crops in the dry bulb onion subgroup 3-07A:

Daylily, bulb  
Fritillaria, bulb  
Garlic, bulb  
Garlic, great-headed, bulb  
Garlic, serpent, bulb  
Lily, bulb  
Onion, bulb  
Onion, Chinese, bulb  
Onion, pearl  
Onion, potato, bulb  
Shallot, bulb;  
Cultivars, varieties, and/or hybrids of these

**Prowl H<sub>2</sub>O** may be applied to direct-seeded and transplanted dry bulb onions.

**Prowl H<sub>2</sub>O** may be applied by ground, air, or chemigation.

## Use Methods, Timings, and Rates - Mineral Soils

Soil Texture	Broadcast Rate (pts/A)
Coarse	1.5 (0.7 lb ai/A)
Medium	2.0 (1.0 lb ai/A)
Fine	3.2 (1.5 lbs ai/A)

In all states except California, apply **Prowl® H<sub>2</sub>O herbicide** only as a single postemergence broadcast spray when dry bulb onions have 2 to 9 true leaves.

In California, apply **Prowl H<sub>2</sub>O** only as a single postemergence broadcast spray when dry bulb onions have 2 to 6 true leaves.

## Restrictions and Limitations (Mineral Soils)

- **DO NOT** apply more than 3.2 pints per acre (1.5 lbs ai/A) per growing season on mineral soils.
- **Preharvest Interval (PHI):** 60 days in California; 45 days in all other states
- **DO NOT** feed or graze these crops.

## Use Methods, Timings, and Rates - Muck Soils

**Prowl H<sub>2</sub>O** may be applied sequentially on muck soils, only once Preemergence and only twice Postemergence, as follows:

Application Timing and Growth Stage	Rate (pts/A)
Preemergence through Loop Stage	4.0 (1.9 lbs ai/A)
Early Postemergence (2nd to 6th true-leaf stage)	4.0
Late Postemergence (6th to 9th true-leaf stage)	4.0

## Restrictions and Limitations (Muck Soils)

- **DO NOT** apply to muck soils in California.
- **Preharvest Interval (PHI):** 45 days
- **DO NOT** feed or graze these crops.
- **DO NOT** apply more than 12.6 pints per acre (6 lbs ai/A) per growing season on muck soils. To maximize crop safety, ensure good soil coverage during planting or transplanting and delay preemergence applications to the loop stage, if possible.
- **DO NOT** apply **Prowl H<sub>2</sub>O** preemergence through the loop stage if heavy rains are expected or severe crop injury may result. If irrigating immediately after **Prowl H<sub>2</sub>O** application at the preemergence through loop stage, **DO NOT** irrigate in excess of 1/2 inch of water.
- **DO NOT** plant sugar beets, red beets, spinach, winter wheat, or winter barley as rotational crops on muck soils for 12 months from the time of last application if more than 3.2 pints per acre of **Prowl H<sub>2</sub>O** is applied to the onion crop.
- If loss of onion crop occurs, **DO NOT** replant any crop other than onions in muck soil during the same cropping year, and **DO NOT** work the soil deeper than 2 inches.

## Chemigation Applications

**Prowl H<sub>2</sub>O** may be applied through sprinkler irrigation systems. **DO NOT** irrigate in excess of 1/2 inch of water. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label.



## Conditions of Sale and Warranty

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**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

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Under the Federal Insecticide, Fungicide  
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pesticide registered under  
EPA Reg. No. 241-418

Group

3

Herbicide

## Supplemental Label



### For use in all crops in the fruiting vegetables crop group 8-10

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

Other Ingredients: ..... 61.3%

Total: ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

EPA Reg. No. 241-418

CAUTION/PRECAUCIÓN

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to the following individual crops in the fruiting vegetables crop group 8-10:

African eggplant  
Bush tomato  
Bell pepper  
Cocona  
Currant tomato  
Eggplant  
Garden huckleberry  
Goji berry  
Groundcherry  
Martynia  
Naranjilla  
Nonbell pepper  
Okra  
Pea eggplant  
Pepino  
Roselle  
Scarlet eggplant  
Sunberry  
Tomatillo  
Tomato  
Tree tomato  
Cultivars, varieties, and/or hybrids of these

**Prowl H<sub>2</sub>O** may be applied by ground or air.

## Use Methods and Timings

Uniformly apply **Prowl® H<sub>2</sub>O herbicide** by ground or air as a broadcast preplant incorporated application or as a broadcast preplant surface application prior to transplanting fruiting vegetables.

Uniformly apply **Prowl H<sub>2</sub>O** only by ground as a post-directed application to transplanted or established direct-seeded fruiting vegetables.

**DO NOT** apply prior to direct-seeded fruiting vegetables.

**DO NOT** apply postemergence over the top of or to foliage of fruiting vegetables because severe injury may occur. **Prowl H<sub>2</sub>O** can be applied as a post-directed spray on the soil at the base of the plant, beneath plants, and between rows. Avoid direct contact with foliage or stems. Be sure roots of transplants are established. Following the post-directed spray and when sufficient rainfall or irrigation does not occur to activate the herbicide, mechanically incorporate at the time of blocking and thinning or at layby.

**Prowl H<sub>2</sub>O** should be applied prior to weed germination. Emerged weeds will not be controlled by this treatment.

**Prowl H<sub>2</sub>O** may also be applied in fruiting vegetables transplanted to raised beds. Prior to transplanting, apply **Prowl H<sub>2</sub>O** preplant nonincorporated in a band to the top of the pressed bed just prior to laying plastic. After transplanting, **Prowl H<sub>2</sub>O** may also be applied in a band to the previously untreated row middles between the transplanted beds. For either of the banded applications to the bed or row middles, **DO NOT** overlap sprays and exceed the maximum broadcast use rate of **Prowl H<sub>2</sub>O** on a per acre basis for the given soil texture.

**Prowl H<sub>2</sub>O** applied at 2.0 to 3.0 pts/A may aid in the control or suppression of the following weeds when used as part of a comprehensive weed management program: black nightshade, hairy nightshade.

## Use Rates

Soil Texture	Broadcast Rate (pts/A)
Coarse	1.0 to 1.5 (0.5 to 0.7 lb a.i./A)
Medium	1.5 to 2.0 (0.7 to 1 lb a.i./A)
Fine	1.5 to 3.0 (0.7 to 1.4 lbs a.i./A)

## Restrictions and Limitations

- **DO NOT** apply more than 3.0 pints **Prowl H<sub>2</sub>O** per acre per season.
- **Preharvest Interval** (PHI) for tomatoes: 21 days
- **Preharvest Interval** (PHI) for all other fruiting vegetables: 70 days
- Avoid root contact with **Prowl H<sub>2</sub>O**-treated soil when placing transplants into furrow or hole or injury may occur.
- **DO NOT** plant lettuce within 6 months after a **Prowl H<sub>2</sub>O** application if the rows were covered with plastic.

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

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Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 241-418

Group

3

Herbicide

## Supplemental Label



### For use in all crops in the green onion subgroup 3-07B

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

**Other Ingredients:** ..... 61.3%

**Total:** ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

#### EPA Reg. No. 241-418

#### CAUTION/PRECAUCIÓN

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to the following individual crops in the green onion subgroup 3-07B:

Chive, fresh leaves  
Chive, Chinese, fresh leaves  
Elegans hosta  
Fritillaria, leaves  
Kurrat  
Lady's leek  
Leek  
Leek, wild  
Onion, Beltsville bunching  
Onion, fresh  
Onion, green  
Onion, macrostem  
Onion, tree, tops  
Onion, Welsh, tops  
Shallot, fresh leaves  
Cultivars, varieties, and/or hybrids of these

**Prowl H<sub>2</sub>O** may be applied preemergence, postemergence, or split application by ground, air, or chemigation.

## Use Methods, Timings, and Rates

Uniformly apply 2.0 pints per acre of

**Prowl® H<sub>2</sub>O herbicide** (1 lb ai/A) as a broadcast spray to the soil surface as preemergence spray or as a postemergence spray to the crop at the 2 to 3 true-leaf stage at least 30 days before harvest. If **Prowl H<sub>2</sub>O** is to be applied sequentially as both a preemergence and postemergence spray, the preemergence spray must be applied 30 days prior to the postemergence spray.

## Chemigation Applications

**Prowl H<sub>2</sub>O** may be applied through sprinkler irrigation systems. Apply at 2 to 3 true-leaf stage at least 30 days before harvest. **DO NOT** irrigate in excess of 0.5 inch of water. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the **Prowl H<sub>2</sub>O** container label.

## Restrictions and Limitations

- Only apply **Prowl H<sub>2</sub>O** preemergence to green onions grown on muck soils or on mineral soils with greater than 3% organic matter.
- **DO NOT** apply more than 2.0 pints per acre (1 lb ai/A) per application.
- **DO NOT** apply more than 4.0 pints per acre (2 lbs ai/A) per season.
- **Preharvest Interval (PHI):** 30 days
- **DO NOT** feed forage or graze livestock in treated fields.

## Conditions of Sale and Warranty

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EPA Reg. No. 241-418

Group

3

Herbicide

## Supplemental Label



### For use in hops

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

Other Ingredients: ..... 61.3%

Total: ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

EPA Reg. No. 241-418

#### CAUTION/PRECAUCIÓN

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied only by ground.

#### Use Methods, Timings, and Rates

**For use in Idaho, Oregon, and Washington only.**

**Prowl H<sub>2</sub>O** may be used as part of a weed management program in hops. Apply **Prowl H<sub>2</sub>O** before target weed germination when hops are in the dormant or vegetative stages of growth.

Apply **Prowl H<sub>2</sub>O** as a broadcast or banded treatment (including postemergence-directed) using ground equipment. Apply the spray directly to the ground beneath the vines and/or in areas between rows. **DO NOT** apply over the top of vines with leaves or cones. Contact with hop foliage or cones by spray mixture or drift may cause injury.

Uniformly apply at a broadcast rate of 1.1 to 4.2 quarts of **Prowl H<sub>2</sub>O** per acre (1 to 4 lbs a.i./A) in either a single application or sequential applications with an interval of 30 days or more.

**DO NOT** exceed a maximum cumulative total of 4.2 quarts of **Prowl H<sub>2</sub>O** per acre per year.



**Prowl® H<sub>2</sub>O herbicide** may be applied in a sequential use program or as a tank mix with other registered herbicides that control emerged weeds.

### **Tank Mixes**

**Prowl H<sub>2</sub>O** may be tank mixed with other herbicides labeled for use in hops. BASF recommends testing **Prowl H<sub>2</sub>O** tank mixes on a small portion of the target crop to determine if damage is likely to occur.

Follow all precautions and restrictions on the labels of all products applied in combination with **Prowl H<sub>2</sub>O**. Always follow the most restrictive label.

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### **Restrictions and Limitations**

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- **DO NOT** apply to hops by air or through any type of irrigation system.
- **DO NOT** exceed a maximum cumulative total of 4.2 quarts of **Prowl H<sub>2</sub>O** per acre per year.
- **Preharvest Interval (PHI)** for hop cones: 90 days

## Conditions of Sale and Warranty

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Group

3

Herbicide

## Supplemental Label



### For use in all crops in the low-growing berry subgroup 13-07G

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

Other Ingredients: ..... 61.3%

Total: ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

EPA Reg. No. 241-418

CAUTION/PRECAUCIÓN

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to the following individual crops in the low-growing berry subgroup 13-07G:

Bearberry  
Bilberry  
Blueberry, lowbush  
Cloudberry  
Cranberry  
Lingonberry  
Muntries  
Partridgeberry  
Strawberry  
Cultivars, varieties, and/or hybrids of these

**Prowl H<sub>2</sub>O** may be applied by ground, air, or chemigation.

#### Use Methods and Timings

**Stunting, reduced growth, or reduction in daughter plants may occur with use of Prowl H<sub>2</sub>O in strawberries and other low-growing berries in subgroup 13-07G.**

Uniformly apply 1.5 to 3.0 pints per acre of **Prowl® H<sub>2</sub>O herbicide** as a broadcast spray to the soil surface at pretransplant time or posttransplant time (must be within 7 days of transplanting of rootstock in the Pacific Northwest). However, in geographies where irrigation is used daily (frequently) after transplanting, application of **Prowl H<sub>2</sub>O** should be applied just before the end of the watering regime to maximize the weed control benefits of **Prowl H<sub>2</sub>O**. Extended periods of irrigation may reduce the residual control provided by **Prowl H<sub>2</sub>O**.

However, **Prowl H<sub>2</sub>O** applications to row middles between the beds are allowed. **DO NOT** apply post-transplant if new foliage from rootstock is exposed to spray area. A second application of 1.5 to 3.0 pints per acre of **Prowl H<sub>2</sub>O** may be applied in a band to the soil between crop rows (or between the plastic beds) 35 days before harvest, but **DO NOT CONCENTRATE THE RATE** per acre into the treated area, and **DO NOT** allow spray to contact low-growing berry plants. The second application rate is based on per unit of treated area.

**Prowl H<sub>2</sub>O** may also be applied to low-growing berries in fall or winter dormancy. Uniformly apply 1.5 to 3.0 pints per acre of **Prowl H<sub>2</sub>O** as a broadcast spray to the soil surface prior to onset of new seasonal growth from berry crowns. **DO NOT** apply if new seasonal growth (leaves) has emerged or is exposed.

**Prowl H<sub>2</sub>O** may also be applied to perennial low-growing berries after renovation. Uniformly apply 1.5 to 3.0 pints per acre of **Prowl H<sub>2</sub>O** as a broadcast spray to the soil surface after renovation (mowing or other defoliation operation) when no foliage is exposed but prior to onset of new seasonal growth from berry crowns. **DO NOT** apply if new seasonal growth (leaves) has emerged or leaves are exposed.

### Chemigation Applications

**Prowl H<sub>2</sub>O** may be applied through sprinkler irrigation systems. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label. **DO NOT** allow **Prowl H<sub>2</sub>O**-treated irrigation water to contact low-growing berry plants.

### Use Rates

Soil Texture	Broadcast Rate (pts/A)
Coarse	1.5 (0.7 lb ai/A)
Medium	2.0 to 2.5 (1.0 to 1.2 lbs ai/A)
Fine	2.5 to 3.0 (1.2 to 1.4 lbs ai/A)

### Restrictions and Limitations

- **DO NOT** apply more than 3.0 pints per acre per application.
- **DO NOT** apply more than 6.0 pints per acre (2.8 lbs ai/A) per season.
- **Preharvest Interval (PHI):** 35 days
- **DO NOT** feed forage or graze livestock in treated fields.
- **DO NOT** plant lettuce within 6 months after a **Prowl H<sub>2</sub>O** application if the strawberry beds were covered with plastic.

## Conditions of Sale and Warranty

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Group

3

Herbicide

## Supplemental Label

**PROWL** **H<sub>2</sub>O**  
herbicide

### For use in all crops in the oilseeds subgroup 20B

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

**Active Ingredient\*:**

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

**Other Ingredients:** ..... 61.3%

**Total:** ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

**EPA Reg. No. 241-418**

**CAUTION/PRECAUCIÓN**

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to the following individual crops in the oilseeds subgroup 20B:

Calendula  
Castor oil plant  
Chinese tallowtree  
Euphorbia  
Evening primrose  
Jojoba  
Niger seed  
Rose hip  
Safflower  
Stokes aster  
Sunflower  
Tallowwood  
Tea oil plant  
Vernonia  
Cultivars, varieties, and/or hybrids of these

**Prowl H<sub>2</sub>O** may be applied by ground or air.

**Plant oilseeds 20B 1-1/2 inches to 2-inches deep and completely cover with soil.**

## Use Methods and Timings

**Preplant Incorporated.** In all states, apply within 60 days of planting and incorporate.

### Preplant Incorporated

**(Fall Applications Only in Minnesota, North Dakota, and South Dakota).** Apply **Prowl® H<sub>2</sub>O** herbicide and immediately incorporate in late fall before planting oilseeds 20B the following spring. Apply **Prowl H<sub>2</sub>O** in the late fall when soil temperatures are 45° F or below but before the ground freezes. **DO NOT** apply when air temperature is below 45° F.

Before oilseeds 20B planting in the spring, fields treated with **Prowl H<sub>2</sub>O** should receive at least one shallow additional incorporation. Spring incorporation should be at an angle to the last tillage operation.

**Preemergence.** Apply **Prowl H<sub>2</sub>O** at planting or up to 2 days after planting.

Preemergence application of **Prowl H<sub>2</sub>O** to oilseeds 20B may increase the likelihood of crop injury, especially when crops are grown in stress situations, such as compacted soils. Decreased herbicide performance compared to preplant incorporated applications may also result from a preemergence application. If dry conditions with limited precipitation exist or unseasonably cool temperatures following planting are forecast, apply **Prowl H<sub>2</sub>O** before planting and mechanically incorporate with tillage. **Prowl H<sub>2</sub>O** may be applied preemergence in conventional tillage oilseeds 20B, **except in the state of California.**

**No-till Oilseeds 20B.** **Prowl H<sub>2</sub>O** may be applied at 3.0 pts/A up to 30 days before planting (preplant) to immediately after planting (preemergence). **DO NOT** use in California.

## Use Rates

### Preplant Incorporated or Preemergence (Conventional Tillage)

Soil Texture	Southern States <sup>1</sup> (pts/A)	Northern States <sup>1</sup>	
		< 3% Organic Matter > 3% (pts/A)	
Coarse	1.5	2.0	2.0
Medium	2.0	2.5	3.0
Fine	3.0	3.0	3.0

<sup>1</sup> See **Restrictions and Limitations** on product container label for map of specific states.

### Preplant Incorporated (Fall) Application<sup>1</sup>

Soil Texture	< 3% Organic Matter > 3% (pts/A)	
Coarse	2.5	2.5
Medium	3.0	3.5
Fine	3.5	3.5

<sup>1</sup> For use in Minnesota, North Dakota, and South Dakota only

### Use Rate Conversion

pts/A	lbs ai/A
1.5	0.7
2.0	1.0
2.5	1.2
3.0	1.4
3.5	1.7

## Restrictions and Limitations (All Tillage Types)

- **DO NOT** apply **Prowl H<sub>2</sub>O** postemergence.
- **DO NOT** exceed the highest rate per acre for any soil type.
- **DO NOT** feed forage or graze livestock in treated oilseeds 20B fields.



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Group

3

Herbicide

## Supplemental Label



### For use in all crops in the pome fruit crop group 11-10

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

Other Ingredients: ..... 61.3%

Total: ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

EPA Reg. No. 241-418

CAUTION/PRECAUCIÓN

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to the following individual bearing and nonbearing crops in the pome fruit crop group 11-10:

Apple  
Azarole  
Crabapple  
Loquat  
Mayhaw  
Medlar  
Pear  
Pear, Asian  
Quince  
Quince, Chinese  
Quince, Japanese  
Tejocote  
Cultivars, varieties, and/or hybrids of these

**Prowl H<sub>2</sub>O** may only be applied by ground, chemigation, or flood, flooded basin, and gravity flow irrigation systems.

## Use Methods, Timings, and Rates

**Prowl® H<sub>2</sub>O herbicide** may be applied either in a single application or sequentially with an interval of 30 days or more. Apply **Prowl H<sub>2</sub>O** at between 2.0 to 4.2 quarts per acre depending on the grower's weed control program, level of weed infestation, and desired use strategy (see chart following) per application but not to exceed a total of 4.2 quarts per acre per year in pome fruit trees.

### Use Rate per Acre

Low Use Rate	2.0 quarts (2 lbs ai/A)
High Use Rate	4.2 quarts (4 lbs ai/A)

## Ground Applications (Bearing)

**Prowl H<sub>2</sub>O** may be applied **surface incorporated** or **(surface) preemergence**.

Apply **Prowl H<sub>2</sub>O** as a broadcast or banded treatment using ground equipment before weed germination. Apply the spray directly to the ground beneath the trees and/or in areas between rows. **DO NOT** apply over the top of trees with leaves or buds or fruit. Contact by the spray mixture with leaves, shoots, or buds may cause injury.

## Ground Applications (Nonbearing)

**Prowl H<sub>2</sub>O** may be applied for preplant incorporated, preplant surface, surface incorporated, or preemergence weed control in several nonbearing fruit tree crops. **Prowl H<sub>2</sub>O** may be used before or after transplanting the nonbearing crops.

**Preplant Surface.** Prior to transplanting, uniformly apply with ground equipment. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

**Preplant Incorporated.** Uniformly apply **Prowl H<sub>2</sub>O** prior to transplanting but before weeds germinate. Incorporate **Prowl H<sub>2</sub>O** to a depth of 1 to 2 inches. Application and incorporation must be made prior to transplanting to avoid mechanical injury to the crop. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

**Preemergence.** Applications may be in a band or broadcast.

## Chemigation Applications

**Prowl H<sub>2</sub>O** may be applied through sprinkler irrigation and drip irrigation systems. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label. **DO NOT** apply **Prowl H<sub>2</sub>O**-treated irrigation water over top of trees with leaves or buds or fruit. Contact with leaves, shoots, or buds by spray mixture may cause injury.

## Flood, Flooded Basin, and Gravity Flow Irrigation Systems

**Prowl H<sub>2</sub>O** may be applied in flood, flooded basin, and gravity flow irrigation systems. Follow all directions, special instructions, and precautions about flood, flooded basin, and gravity flow irrigation systems in the **Spraying Instructions** section of the product container label.

## Restrictions and Limitations

- **DO NOT** apply more than 4.2 quarts of **Prowl H<sub>2</sub>O** per acre per year in pome fruit trees.
- **DO NOT** apply by air.
- **DO NOT** feed forage or graze livestock in treated groves or orchards.
- **Preharvest Interval (PHI):** 60 days
- **DO NOT** apply to newly seeded nursery stock.

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Herbicide

## Supplemental Label



### For use in safflower grown in California

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

Other Ingredients: ..... 61.3%

Total: ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

#### EPA Reg. No. 241-418

#### CAUTION/PRECAUCIÓN

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to safflower by ground or air.

**Plant safflower deep enough to completely cover with soil.**

#### Use Methods and Timings

**Preplant Incorporated.** Apply within 60 days of planting and incorporate.

#### **Preplant Incorporated (Fall Applications).**

Apply **Prowl H<sub>2</sub>O** and immediately incorporate during tillage operations in the fall to target winter annual weeds before planting safflower the following spring.

Before safflower planting in the spring, fields treated with **Prowl H<sub>2</sub>O** should receive at least one additional incorporation.

**Preemergence.** Apply **Prowl® H<sub>2</sub>O** herbicide at planting or up to 2 days after planting.

Preemergence application of **Prowl H<sub>2</sub>O** to safflower must be followed with irrigation or rainfall to establish a crop stand.

## Use Rates

### Preplant Incorporated or Preemergence

Soil Texture	pts/A
Coarse	1.5
Medium	2.0
Fine	3.0

### Preplant Incorporated (Fall) Application

Soil Texture	< 3% Organic Matter > 3% (pts/A)	
Coarse	2.5	2.5
Medium	3.0	3.5
Fine	3.5	3.5

## Restrictions and Limitations

- **DO NOT** apply **Prowl H<sub>2</sub>O** postemergence.
- **DO NOT** exceed the highest rate per acre for any given soil type.
- **DO NOT** feed forage or graze livestock in treated safflower fields.

## Conditions of Sale and Warranty

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BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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000241-00418.20150210b.NVA 2015-04-195-0024

BASF Corporation  
26 Davis Drive  
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We create chemistry



02/19/2015

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 241-418

Group

3

Herbicide

## Supplemental Label



### For use in all crops in the stone fruit crop group 12-12

This supplemental label expires March 1, 2018, and must not be used or distributed after this date.

#### Active Ingredient\*:

pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 38.7%

Other Ingredients: ..... 61.3%

Total: ..... 100.0%

\*1 gallon contains 3.8 pounds of pendimethalin formulated as an aqueous capsule suspension.

EPA Reg. No. 241-418

#### CAUTION/PRECAUCIÓN

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Prowl® H<sub>2</sub>O herbicide** container label, EPA Reg. No. 241-418, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Prowl H<sub>2</sub>O** before applying.
- Use of **Prowl H<sub>2</sub>O** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Prowl H<sub>2</sub>O**.

#### Product Information

**Prowl H<sub>2</sub>O** is a selective herbicide for controlling most annual grasses and certain broadleaf weeds as they germinate. Refer to the **Prowl H<sub>2</sub>O** container label for a complete list of weeds controlled.

#### Application Instructions

**Prowl H<sub>2</sub>O** may be applied to the following individual bearing and nonbearing crops in the stone fruit crop group 12-12:

Apricot  
 Apricot, Japanese  
 Capulin  
 Cherry, black  
 Cherry, Nanking  
 Cherry, sweet  
 Cherry, tart  
 Jujube, Chinese  
 Nectarine  
 Peach  
 Plum  
 Plum, American  
 Plum, beach  
 Plum, Canada  
 Plum, cherry  
 Plum, Chickasaw  
 Plum, Damson  
 Plum, Japanese  
 Plum, Klamath  
 Plum, prune  
 Plumcot  
 Sloe  
 Cultivars, varieties, and/or hybrids of these

**Prowl® H<sub>2</sub>O herbicide** may only be applied by ground, chemigation, or flood, flooded basin, and gravity flow irrigation systems.

**Use Methods, Timings, and Rates**

**Prowl H<sub>2</sub>O** may be applied either in a single application or sequentially with an interval of 30 days or more. Apply **Prowl H<sub>2</sub>O** at between 2.0 to 4.2 quarts per acre depending on the grower’s weed control program, level of weed infestation, and desired use strategy (see chart following) per application but not to exceed a total of 4.2 quarts per acre per year in stone fruit trees.

**Use Rate per Acre**

Low Use Rate	2.0 quarts (2 lbs ai/A)
High Use Rate	4.2 quarts (4 lbs ai/A)

**Ground Applications (Bearing)**

**Prowl H<sub>2</sub>O** may be applied **surface incorporated** or **(surface) preemergence**.

Apply **Prowl H<sub>2</sub>O** as a broadcast or banded treatment using ground equipment before weed germination. Apply the spray directly to the ground beneath the trees and/or in areas between rows. **DO NOT** apply over the top of trees with leaves or buds or fruit. Contact by the spray mixture with leaves, shoots, or buds may cause injury.

**Ground Applications (Nonbearing)**

**Prowl H<sub>2</sub>O** may be applied for preplant incorporated, preplant surface, surface incorporated, or preemergence weed control in several nonbearing fruit tree crops. **Prowl H<sub>2</sub>O** may be used before or after transplanting the nonbearing crops.

**Preplant Surface.** Prior to transplanting, uniformly apply with ground equipment. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

**Preplant Incorporated.** Uniformly apply **Prowl H<sub>2</sub>O** prior to transplanting but before weeds germinate. Incorporate **Prowl H<sub>2</sub>O** to a depth of 1 to 2 inches. Application and incorporation must be made prior to transplanting to avoid mechanical injury to the crop. Avoid root contact with treated soil when placing transplants into the hole or injury may occur.

**Preemergence.** Applications may be in a band or broadcast.

**Chemigation Applications**

**Prowl H<sub>2</sub>O** may be applied through sprinkler irrigation and drip irrigation systems. Follow all directions, special instructions, and precautions about chemigation in the **Spraying Instructions** section of the product container label. **DO NOT** apply **Prowl H<sub>2</sub>O**-treated irrigation water over top of trees with leaves or buds or fruit. Contact with leaves, shoots, or buds by spray mixture may cause injury.

**Flood, Flooded Basin, and Gravity Flow Irrigation Systems**

**Prowl H<sub>2</sub>O** may be applied in flood, flooded basin, and gravity flow irrigation systems. Follow all directions, special instructions, and precautions about flood, flooded basin, and gravity flow irrigation systems in the **Spraying Instructions** section of the product container label.

**Restrictions and Limitations**

- **DO NOT** apply more than 4.2 quarts of **Prowl H<sub>2</sub>O** per acre per year in stone fruit trees.
- **DO NOT** apply by air.
- **DO NOT** feed forage or graze livestock in treated groves or orchards.
- **Preharvest Interval (PHI):** 60 days
- **DO NOT** apply to newly seeded nursery stock.

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000241-00418.20130530b.NVA 2013-04-195-0110

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